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检测
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CNAS L3742

检测报告

编号 : XMIN2101000047ML_CN

日期 : 2021-02-07

页码 : 1 of 6

扫码查看在线报告



XMIN2101000047ML

客户名称: 福建凯景新型科技材料有限公司

客户地址: 福建漳州台商投资区景福路6号

样品名称 : 热轧镀锌板 (HGI)

材质牌号 : DD51D+Z

以上信息及样品由客户提供及确认, SGS 不承担证实客户提供信息的准确性、适当性和(或)完整性的责任。

收样日期 : 2021-01-04

测试开始时间 : 2021-01-04

测试结束时间 : 2021-01-28

测试结果 : 请见下页 (除另有特别说明外, 此报告结果仅对测试样品负责)

通标标准技术服务有限公司厦门分公司
检测中心
授权签名

汤保生

授权签字人



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结果总结:

序号	测试项目	测试方法	判定要求	结论
1	化学成分分析	GB/T 4336-2016,AMD.1-2017	GB/T 2518-2019 中牌号 DX51D+Z	合格
2	拉伸测试	GB/T 228.1-2010	GB/T 2518-2019 中牌号 DX51D+Z	合格
3	附着性测试	GB/T 232-2010	客户要求:0T, 涂层未开裂。	合格
4	尺寸测量	千分尺	GB/T 25052-2010 中表 2,(牌号: DX51D+Z, 1200mm<公称宽度 ≤1500mm; 2.0mm<公称厚度 ≤2.50mm 的普通精度 PT,A 的要求)	合格
5	镀锌层质量测试(双面)	GB/T 1839-2008	GB/T 2518-2019 中镀层质量代号 Z275	合格
6	中性盐雾(NSS)试验	GB/T 10125-2012	客户要求:RA≥5	合格

备注: 合格: 达到要求
 不合格: 未达到要求
 /: 不下判定



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1. 化学成分分析:

测试方法: GB/T 4336-2016,AMD.1-2017

产品标准: GB/T 2518-2019

元素	C	Si	Mn	P	S	Ti
要求,%	≤0.12	≤0.50	≤0.60	≤0.10	≤0.045	≤0.30
结果,%	0.045	0.012	0.14	0.011	0.007	<0.001
结论	合格	合格	合格	合格	合格	合格

备注: 要求值提取自标准 GB/T 2518-2019 中牌号 DX51D+Z

2. 拉伸测试:

测试方法: GB/T 228.1-2010

产品标准: GB/T 2518-2019

测试项目	试样类型	抗拉强度 (R_m) (MPa)	下屈服强度 (R_{eL}) (MPa)	断后伸长率 (A_{80mm}) $L_0=80mm$ (%)	结论
要求值	----	270~500	----	≥22	----
结果	矩形截面试样 $b_0=20mm$	361	307	35.0	合格

备注: 要求值提取自标准 GB/T 2518-2019 中牌号 DX51D+Z



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3. 附着性测试:

测试方法: GB/T 232-2010

测试项目	厚度(a) × 宽度(b) (mm)	结果
弯曲	2.32×20.66	0T, 涂层未开裂。

备注: 结果符合客户要求。

4. 尺寸测量:

测试设备: 千分尺

测试项目	结果(mm)				要求值 (mm)	结论
	1	2	3	平均值		
厚度	2.312	2.310	2.312	2.311	2.3±0.17	合格

备注: 要求值提取自标准 GB/T 25052-2010 中表 2,(牌号: DX51D+Z, 1200mm<公称宽度≤1500mm; 2.0mm<公称厚度≤2.50mm 的普通精度 PT,A 的要求)。

5. 镀锌层质量测试(双面):

测试方法: GB/T 1839-2008

产品标准: GB/T 2518-2019

镀锌层质量(g/m ²)				要求值(g/m ²)	结论
1	2	3	平均值		
275	275	276	275	平均值≥275, 单点值≥234	合格

注: 要求值提取自 GB/T 2518-2019 中镀锌层质量代号 Z275。



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6. 中性盐雾(NSS)试验

测试方法: GB/T 10125-2012

试验条件:

样品摆放: 与垂直方向呈 15°~25°放置

盐液浓度: (50±5)g/L NaCl

试验箱温度: (35±2)°C

盐雾沉降率: (1.0~2.0)ml/(80cm²·h)

盐液 pH 值 (25±2°C): 6.5~7.2

暴露时间: 72h

测试后样品处理: 自然干燥 0.5~1.0 小时, 再用温度不大于 40°C 的流水冲洗, 之后立即干燥。

测试结果:

外观描述	外观等级/R _A	客户要求/R _A	结论
白锈	8	≥5	合格

备注: 外观等级参照 GB/T 6461-2002, 按缺陷面积评定:

缺陷面积 A(%)	R _A
无缺陷	10
0<A≤0.1	9
0.1<A≤0.25	8
0.25<A≤0.5	7
0.5<A≤1.0	6
1.0<A≤2.5	5
2.5<A≤5.0	4
5.0<A≤10	3
10<A≤25	2
25<A≤50	1
50<A	0



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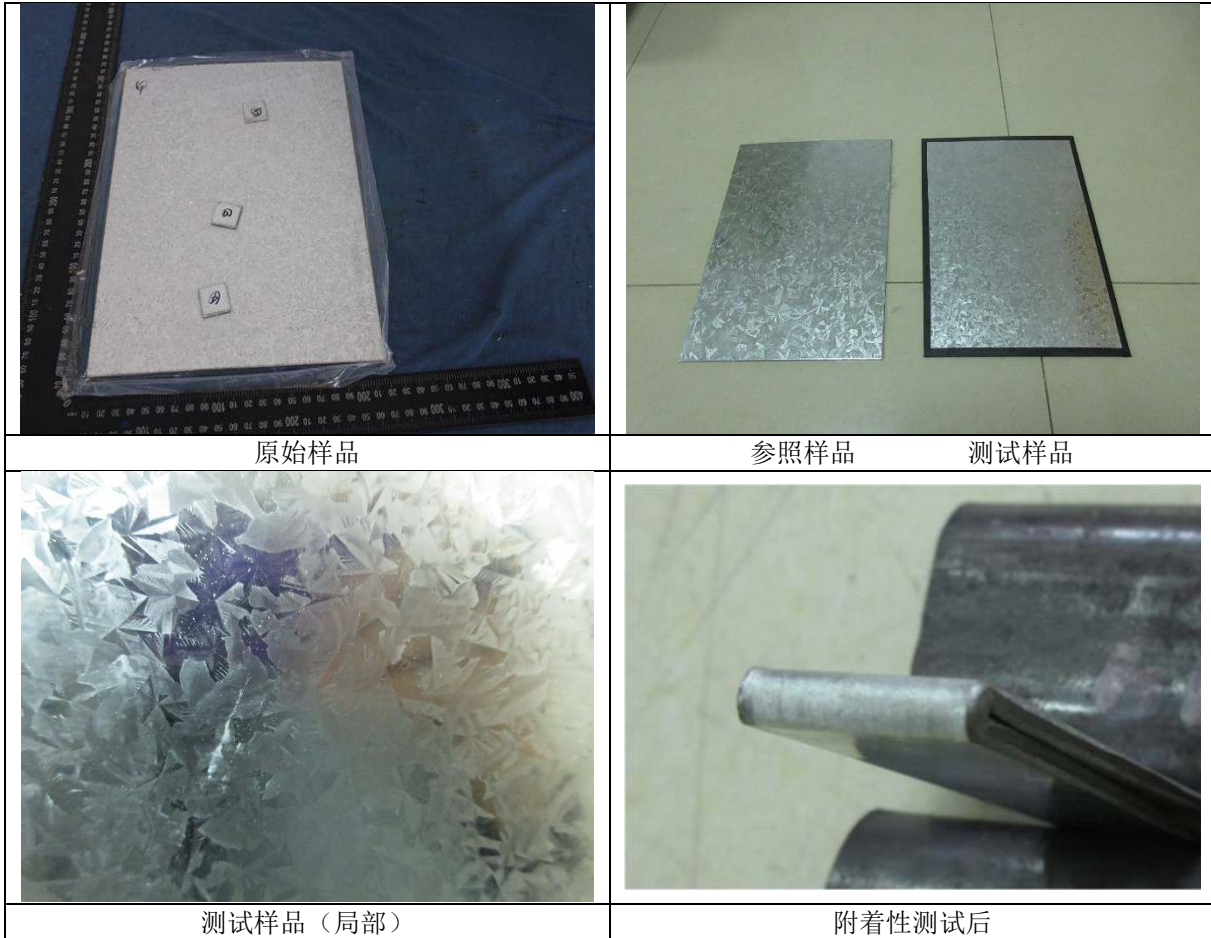
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测试照片:



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